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(54) Title: SPLICE VARIANT OF HUMAN SODIUM III CHANNEL (hNaIII18)

(57) Abstract: Described herein is a splice variant of the human Na⁺ channel α subunit, designated hNaIII18. Also described are nucleotide and amino acid sequence for hNaIII18, oligonucleotide primers and probes for hNaIII18, hNaIII18 regulatory sequences, hNaIII18-specific antibodies, methods of detecting hNaIII18 proteins or nucleic acids, and methods of screening for modulators of hNaIII18 expression or activity.